

To <pill.uhl@serono.com>

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Subject

1st half of pattern:

Prosite: C $x{4,6}$ [FYH]

patent: x(0,2) C x [QEK] [QEKNRDHS] [EQ] x(0,2) [YFW] [YFW] D x L L x x

Cys num:

2nd half of pattern:

Prosite: C x(0,2) C x(2,3) C x(7,11) C xx x x(1,3) [DNEQSKP] x x C patent: C [IMLV] x C xx C x(6,8) C xx [YF] - - - C x[0,2]

cys num: c2 с3 C4 c5 сб

The prosite consensus pattern is generally much more flexible than the patent consensus pattern (i.e. the prosite pattern is more likely to detect a wider variety of true TNFRs but it will be less sensitive. The patent consensus will detect fewer TNFRs and it will be more sensitive).

However, the prosite pattern deviates substantially from the patent pattern between c5 and c6.

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